



Industry Alliance

Clean, Sustainable Energy for the 21st Century

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Date: January 28, 2019

The Honorable John Barrasso
Chairman
U.S. Senate Committee on Environment and Public Works
307 Dirksen Senate Office Building
Washington, DC 20510

Subject: Thank You for Supporting U.S. Advanced Nuclear Industry With NEIMA

Dear Senator Barrasso:

On behalf of the NNGP Industry Alliance, thank you for your essential work leading to the passage of the Nuclear Energy Innovation and Modernization Act (NEIMA), which the President signed into law on January 14.

The NNGP Industry Alliance is America's alliance for advanced nuclear technologies that provide clean, sustainable energy for the industries of the 21st century. NEIMA is a landmark law that establishes constructive steps to modernize the country's regulatory infrastructure in anticipation of the remarkable changes taking place in the nuclear sector.

Advanced nuclear technologies being developed in the United States like the High Temperature Gas-cooled Reactor (HTGR) demonstrate exceptional possibilities for the delivery of new, clean energy systems, and enormous export market potential. The realization of the extraordinary promise of these technologies is made possible by the visionary work you provided through NEIMA.

Since 2002, member organizations have joined together in the NNGP Industry Alliance to:

- 1) Advocate for the deployment of the High Temperature Gas-cooled Reactor (HTGR) and associated advanced technologies;
- 2) Facilitate projects with government(s), other sovereign entities and the private sector;
- 3) Engage in initiatives for modernizing regulatory requirements;
- 4) Advocate for federal funding; and
- 5) Work with international organizations to foster technical and programmatic support to secure their future energy goals and objectives.



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Associated advanced technologies include: tristructural-isotropic (TRISO) fuel; nuclear-grade graphite; high temperature metals and composite materials; analytical methods for reactor design; waste methods and management; and concepts for co-generation of electric power, hybrid energy systems, and process heat for industrial applications. HTGR technology offers a new energy option to provide high temperature process heat for industrial applications with reduced greenhouse gas (GHG) emissions. The National Laboratories continue to provide a crucial base to conduct the research and development that enable technology demonstration before commercialization.

Your actions leading to the enactment of NEIMA bring the U.S. a large step closer to establishing global leadership in the nuclear energy sector. Commercialization of advanced nuclear technologies is essential to achieving this national objective and could not be possible without NEIMA.

The NGNP Industry Alliance is leading the industry effort to develop modular HTGR technology and anticipates a structure for the enterprise to commercialize this technology as a Small Modular Reactor (SMR) concept. We continue to work with the U.S. Departments of Energy and State on domestic and international opportunities.

Your support for NEIMA is very much appreciated, and we look forward to your continued engagement to sustain energy independence for the future.

Sincerely,



Donald Hoffman
Chief Executive Officer
NGNP Industry Alliance Limited
President, EXCEL Services Corporation

Cc: NGNP Industry Alliance Officers and Directors:

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